

# NYISO OPERATIONS REPORT

## FOR the Month of

### April 2020

#### Peak Load

The peak load for the month was 16,595 MW, which occurred on Thursday, April 16, 2020, for hour beginning 20:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 18,560 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,206	2,509	6,070
DSASP Cont.	65	0	65

The NYCA all time winter peak load of 25,738 MW, which occurred on Tuesday, January 7, 2014 for hour beginning 18:00.

#### Major Emergencies

None

The Major Emergency state was declared 0 times during April of 2019

#### Alert States

ON 5 OCCASIONS AN ALERT STATE WAS DECLARED:

- 0 SYSTEM FREQUENCY 0 LOW 0 HIGH
- 0 ACE GREATER THAN (+OR-) 500MW
- 0 SHORTAGE OF 10 MIN SYNCHRONIZED RESERVE
- 0 SHORTAGE OF 10 MIN TOTAL RESERVE
- 0 ACTUAL FLOW EXCEEDING LTE FOR LESS THAN 5 MIN
- 0 ACTUAL VOLTAGE BELOW PRE-CONTINGENCY LOW LIMIT
- 3 EXCEEDING CENTRAL EAST VOLTAGE CONTINGENCY LIMIT
- 0 EXCEEDING TRANSIENT STABILITY LIMIT
- 0 NYISO COMPUTER PROBLEM
- 0 NEIGHBORING SYSTEM 5% VOLTAGE REDUCTION
- 2 EMERGENCY TRANSFER DECLARED
- 0 GIC (SMD) ACTIVITY
- 0 SEVERE WEATHER
- 0 OTHER

The Alert state was declared 14 times during April of 2019

#### Thunder Storm Alerts

1 Thunder Storm Alerts were declared for the month of April for a total of 0.53 hours

**Reserve Activations**

ON 6 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 0 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 4 SIMULTANEOUS ACTIVATION OF RESERVES
  - 3 FOR ISO-NE
  - 1 FOR IESO
  - 0 FOR PJM
  - 0 FOR NYISO
  - 0 FOR NB
- 2 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 1 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 1 OTHER (FIXED GEN CHANGES / COMPUTER PROBLEMS)

- 0 OF THESE RESERVE ACTIVATION'S DID NOT RESULT IN THE ACE-CROSSING ZERO
- 0 OF THE NON-ZERO CROSSINGS REQUIRED ANOTHER RESERVE PICKUP TO BE INITIATED
- 0 NON-ZERO CROSSINGS WERE ASSOCIATED WITH A UNIT LOSS

ON 11 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF April 2019  
2 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources: None  
 Emergency Demand Response Program: None  
 Purchases: None  
 Sales: None

**TLR 3 Declared**

0 TLR Level 3's were declared for the month of April for a total of 0.00 hours

**Inadvertent Accumulations for March-2020**

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	747	MWh	10,671	MWh
Off-Peak:	-169	MWh	-14,026	MWh

**NERC Control Performance**

CPS1: 159.82 %  
 BAAL Violations: 0

**NERC/NPCC Reportable DCS Events**

None.